

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L2 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L3 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L4 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L5 | 38 | (348/283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L6 | 350 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L11 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L12 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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| L13 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L14 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L15 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L16 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L17 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L18 | 38 | ((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L19 | 24 | (((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L22 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L23 | 681 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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| L25 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L26 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L27 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L29 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L30 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L31 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L32 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|-----|--|---|----|-----|------------------|
| L33 | 37 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L34 | 0 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L35 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L36 | 124 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L37 | 124 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L38 | 0 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| L40 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L41 | 158 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L44 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L46 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L47 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L48 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L49 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L50 | 350 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|--------|---|---|----|-----|------------------|
| L51 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L52 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L53 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L54 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L55 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L56 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L57 | 325 | ((348/314).CCLS.) or ((348/322). CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L58 | 24 | (((((348/314).CCLS.) or ((348/322). CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L59 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| L60 | 681 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L61 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L62 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L63 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L64 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L65 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L66 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L67 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| L68 | 37 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L69 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L70 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L71 | 124 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L72 | 124 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L73 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| L74 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L75 | 158 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L76 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L91 | 606 | L66 and vertical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L92 | 114 | L66 not L91 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L94 | 3567 | (250/208.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L95 | 204 | (257/234).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L98 | 204 | (257/234).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|------|-----|---|---|----|-----|------------------|
| L99 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L100 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L101 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L102 | 681 | ((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L103 | 37 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L104 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L105 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L106 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|------|------|--|---|----|-----|------------------|
| L107 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L109 | 3567 | (250/208.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L110 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L112 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L113 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L114 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L115 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L117 | 681 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L118 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

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|------|-----|---|---|----|-----|------------------|
| L119 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L120 | 98 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L122 | 24 | (((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L123 | 158 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L128 | 124 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L129 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L131 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L132 | 37 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

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| L135 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L136 | 606 | L135 and vertical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L140 | 114 | L135 not L136 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L142 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L143 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L144 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L145 | 24 | ((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L147 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L154 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L157 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L160 | 124 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L162 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L163 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L164 | 0 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311). CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323). CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L166 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |

EAST Search History

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|------|--------|---|---|----|-----|------------------|
| L167 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L168 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L169 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L170 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L171 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:32 |
| L173 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L174 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L175 | 38 | (348/283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L176 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L177 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L178 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L179 | 350 | ((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L180 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L181 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|--|---|----|-----|------------------|
| L182 | 158 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L183 | 164 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L184 | 0 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L185 | 124 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L186 | 124 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L187 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L188 | 38 | (((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L189 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L190 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

| | | | | | | |
|------|--------|---|---|----|-----|------------------|
| L191 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L192 | 350 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L193 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L194 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L195 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L196 | 3567 | (250/208.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L197 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L198 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L199 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L200 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L201 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L202 | 124 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L203 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L204 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L205 | 158 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L206 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L207 | 38 | (348/283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

| | | | | | | |
|------|------|---|---|----|-----|------------------|
| L208 | 350 | ((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L209 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L210 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L211 | 124 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L212 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L213 | 24 | (((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L214 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|---|---|----|-----|------------------|
| L215 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L216 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L217 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L218 | 124 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L219 | 124 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L220 | 681 | ((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L221 | 681 | ((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L222 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L223 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L224 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L225 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L226 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L227 | 158 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L228 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L229 | 158 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L230 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L231 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L232 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L233 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L234 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L235 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L236 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L237 | 37 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|---|---|----|-----|------------------|
| L238 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L239 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L240 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L241 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L242 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L243 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L244 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L245 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L246 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|--|---|----|-----|------------------|
| L247 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L248 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L249 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L250 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L251 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L252 | 38 | ((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L253 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|--|---|----|-----|------------------|
| L254 | 37 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L255 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L256 | 168 | (348/322).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L257 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L258 | 24 | ((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L259 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L260 | 24 | ((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L261 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|--|---|----|-----|------------------|
| L262 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L263 | 606 | L262 and vertical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L264 | 114 | L262 not L263 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L265 | 3567 | (250/208.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L266 | 204 | (257/234).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L267 | 204 | (257/234).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L268 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L269 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L270 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|--------|---|---|----|-----|------------------|
| L271 | 681 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L272 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L273 | 164 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L274 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L275 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L276 | 98 | (horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L277 | 681 | ((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L278 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L279 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

| | | | | | | |
|------|-----|---|---|----|-----|------------------|
| L280 | 37 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L281 | 0 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L282 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L283 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L284 | 350 | (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|-----|---|---|----|-----|------------------|
| L285 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L286 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L287 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L288 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L289 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L290 | 37 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L291 | 846 | accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L292 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|------|--|---|----|-----|------------------|
| L293 | 606 | L292 and vertical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L294 | 114 | L292 not L293 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L295 | 2241 | horizontal adj shift adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L296 | 644 | horizontal adj transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L297 | 24 | (((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L298 | 325 | ((348/314).CCLS.) or ((348/322).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L299 | 0 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L300 | 124 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L301 | 852 | accumulat\$4 and transfer adj register\$2 and (even and odd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L302 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|--------|---|---|----|-----|------------------|
| L303 | 169 | (348/314).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L304 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L305 | 124 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L306 | 350 | (((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L307 | 445 | (348/311).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L308 | 0 | 09/447,301 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L309 | 158 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

| | | | | | | |
|------|------|--|---|----|-----|------------------|
| L310 | 0 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L311 | 38 | (348/283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L312 | 524 | horizontal adj shift adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L313 | 89 | ((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L314 | 164 | (((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L315 | 1690 | accumulat\$4 and transfer adj register\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

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|------|--------|--|---|----|-----|------------------|
| L316 | 765601 | accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L317 | 124 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L318 | 124 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L319 | 352 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L320 | 38 | ((((348/314).CCLS.) or ((348/322). CCLS.)) and (accumulat\$4 and transfer adj register\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L321 | 0 | (((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311). CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323). CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L322 | 57 | ((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321). CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |

EAST Search History

| | | | | | | |
|------|-----|---|---|----|-----|------------------|
| L323 | 0 | ((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L324 | 720 | (horizontal adj shift adj registers) or (horizontal adj transfer adj registers) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L325 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L326 | 53 | (348/323).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L327 | 155 | (348/317).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L328 | 350 | (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L329 | 205 | horizontal adj transfer adj registers | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |
| L330 | 42 | (348/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/10 10:33 |